

Claims

1. A portable communications device having a first
microdisplay and a second at least partially
transmissive display in front of said first
microdisplay.
2. A portable communications device as claimed in
claim 1, wherein said second display and the
screen of said microdisplay are inclined to one
another.
3. A portable communications device as claimed in claim
2, wherein said second display and the screen of
said microdisplay are disposed substantially
perpendicular to one another.
4. A portable communications device as claimed in claim
1, wherein the second display and the first
microdisplay may be operated independently.
5. A portable communications device as claimed in claim
1, wherein the microdisplay can serve as a backlight
for said second display.
6. A portable communications device as claimed in claim
1, wherein the second display may be made
substantially transparent when not in use.
7. A portable communications device as claimed in claim
1, wherein said second display is a transflective
display.
8. A portable communications device as claimed in claim
7, wherein said transflective display is a
transflective liquid crystal display (LCD).

9. A portable communications device as claimed in claim 1, wherein said portable communications device is a radiotelephone.
10. A radiotelephone as claimed in claim 9, wherein status information and memoranda may be displayed on said second display.
11. A radiotelephone as claimed in claim 9, wherein high-resolution graphics may be displayed on said microdisplay.
12. A radiotelephone as claimed in claim 9, wherein motion video may be displayed on said microdisplay.
13. A portable communications device having a first microdisplay and a second at least partially transmissive display in front of said first microdisplay, the first microdisplay being viewable through the second display, and the device being operable in a first display mode, in which the second display is activated and the first microdisplay inactive, and a second display mode, in which the microdisplay is activated, and the second display rendered transparent.
14. A portable communications device as claimed in claim 13, wherein said second display is a transflective liquid crystal display (LCD).
15. A portable communications device as claimed in claim 14, wherein said first face and said second face are inclined to one another.

16. A portable communications device as claimed in claim 15, wherein said first face and said second face are disposed substantially perpendicular to one another.

5 17. A portable communications device as claimed in claim 13, further operable in a third display mode, in which the second display is activated and the first microdisplay used as a backlight for said second display.

10 18. A portable communications device as claimed in claim 13, wherein said portable communications device is a radiotelephone.

15 19. A radiotelephone as claimed in claim 18, wherein status information and memoranda may be displayed on said second display.

20 20. A radiotelephone as claimed in claim 18, wherein high-resolution graphics may be displayed on said microdisplay.

25 21. A radiotelephone as claimed in claim 18, wherein motion video may be displayed on said microdisplay.

30 22. A method for displaying an image in a portable communications device, comprising the steps of reading a signal from a microprocessor and operating a display in a first mode, in which a first microdisplay is activated and a second at least partially transmissive display inactive, and a second mode, in which the first microdisplay is activated, and the second display rendered transparent, wherein said second display is disposed
35 in front of said first microdisplay.

23. A method for displaying an image in a portable communications device as claimed in claim 22, wherein said second display and the screen of said first microdisplay are inclined to one another.

24. A method for displaying an image in a portable communications device as claimed in claim 23, wherein said second display and the screen of said first display are disposed substantially perpendicular to one another.

25. A method for displaying an image as claimed in claim 22, further having a third mode, in which the second display is activated and the first microdisplay used as a backlight for said second display.

26. A method for displaying an image as claimed in claim 22, wherein status information and memoranda may be displayed on said second display.

27. A method for displaying an image as claimed in claim 22, wherein high-resolution graphics may be displayed on said first microdisplay.

28. A method for displaying an image as claimed in claim 22, wherein motion video may be displayed on said first microdisplay.